

CLAIMS

What is claimed is:

1. A method of retrieving information content wherein the method comprises the steps of:
 - configuring a system by assigning access codes;
 - communicating the access code and a mobile identification number from an originator to an information content provider using call setup information;
 - determining and transmitting the information content; and
 - receiving the information content from the information content provider.
2. The method of claim 1 wherein the step of configuring a system which contains information content comprises the steps of:
 - contacting an information content provider;
 - selecting desired information options; and
 - assigning an access code to the information option.
3. The method of claim 2 wherein the step of contacting the information content provider comprises the steps of:
 - obtaining access authorization from the information content provider and accessing an information content provider terminal through a local and global computer network.
4. The method of claim 1 wherein the step of communicating an access code to an information content provider comprises the steps of:

entering the access code into a communication device and electronically transmitting the access code to the information content provider.

5. The method of claim 4 wherein the step of electronically transmitting the access code to the information provider comprises the steps of:

transmitting the access code and mobile identification number to a mobile switching center; and

the mobile switching center:

receiving the access code and mobile identification number;

identifying transmission originator identification;

determining the location of the originator; and

transmitting the access code, the originator identification, and the location of the originator to the information content provider.

6. The method of claim 5 wherein the mobile switching center transmits to the information content provider through an SS7 network.

7. The method of claim 1 wherein the step of determining and transmitting the information requested comprises the steps of:

receiving the access code from a mobile switching center;

processing the access code;

retrieving the information associated with the access code;

converting the information associated with the access code into audible speech; and

transmitting the converted audible speech through a telephone network.

8. The method of claim 1 wherein the step of receiving information from an information content provider comprises the steps of:

transmitting audible information content requested by an originator through a public switch telephone network;

receiving the audible information content by a mobile switching center; and

transmitting the audible information from the mobile switching center to an originator.

9. The method of claim 8 wherein the step of receiving the audible information content by a mobile switching center comprises the steps of:

receiving a telephone call from the information content provider through a public switch telephone network;

receiving and processing originator information; and

receiving the audible information content.

10. The method of claim 9 wherein the step of receiving and processing originator information comprises the steps of:

receiving an originator mobile identification number;

receiving originator location information;

receiving dialing instructions from the internet content provider; and

preparing the audible information for wireless transmission to the originator.

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11. A method of delivering information content from an information content provider wherein the method comprises the steps of:

designating information option codes;

receiving the option codes and transmission origination information through a wireless transmission without the prior establishment of a voice-grade connection;

locating the originator of the wireless transmission; and

transmitting the information content to the originator.

12. The method of claim 11 wherein the step of designating information option codes comprises the steps of:

accessing the information content provider through a local or global computer network;

selecting the option codes which correspond to desired information from a menu; and

assigning new option codes to the desired information as preferred.

13. The method of claim 11 wherein the step of receiving the option codes and transmission origination information through a wireless transmission comprises the steps of:

establishing a service control point for receiving and processing transmission information transmitted through an SS7 network;

receiving the service control information through messages through the SS7 network; and

processing the message to identify and locate the originator of the wireless transmission.

14. The method of claim 11 wherein the step of locating the originator of the wireless transmission comprises the steps of:

receiving the transmission origination information through an SS7 network;

processing the transmission origination information; and

calculating the most direct network route from the information content provider to the transmission originator location.

15. The method of claim 14 wherein the step of processing the transmission origination information comprises the steps of:

receiving a mobile information number associated with the transmission originator;

verifying access authorization for the originator using the mobile information number;

and

retrieving a telephone number associated with the originator mobile information number.

16. The method of claim 15 wherein the step of transmitting the information content to the originator comprises the steps of:

retrieving the information associated with the option codes;

dialing the telephone number associated with the originator mobile information number;

and

transmitting the information associated with the option codes to originator.

17. The method of claim 16 wherein the step of transmitting the information associated with the option codes comprises the steps of:

converting the information to audible speech information;

initiating a telephone call to the telephone number;

transmitting the audible speech information through a public switch telephone network;

and

disengaging the telephone call when the information has been transmitted.

18. A system for delivering information using a wireless telephone network comprising:

means for configuring a system wherein desired information corresponds to a selectable code;

a first receiving and transmitting means for wireless transmission of said selectable code to a second wireless signal receiving and transmitting means;

said second wireless signal receiving and transmitting means for receiving said selectable code and transmitting said selectable code to a wireless signal switching means; and

said wireless signal switching means for receiving said selectable code from said second transmission means and transmitting said selectable code to said information provider,

wherein said information provider transmits the desired information corresponding to said selectable code to the first receiving and transmitting means.

19. The system of claim 18 wherein said wireless signal switching means is a mobile switching center.

20. The system of claim 19 wherein said first receiving and transmitting means is a mobile telephone.

21. A system for delivering information using a wireless telephone network comprising:
means for configuring a system wherein desired information corresponds to a selectable code;

a first receiving and transmitting means for wireless transmission of a signal corresponding to said selectable code to a signal receiving and transmitting site;

a second wireless means for receiving said selectable code signal and transmitting said selectable code signal to a wireless signal switching means; said wireless signal switching means for receiving said selectable code signal from said second transmission means and transmitting said selectable code to a wireless-nonwireless interface; said wireless-nonwireless interface capable of receiving said wireless selectable code signal and converting said wireless selectable code signal to a nonwireless selectable code signal and transmitting said nonwireless signal through a nonwireless network to said information provider,

wherein said information provider transmits the desired information corresponding to said selectable code to the first receiving and transmitting means.

22. The system of claim 21 wherein said nonwireless network is a TCP/IP network.

23. The system of claim 22 wherein said wireless signal switching means is a mobile switching center.

24. The system of claim 23 wherein said first receiving and transmitting means is a mobile telephone.

25. The system of claim 20 wherein said nonwireless network is an SS7 network.

26. The system of claim 25 wherein said wireless signal switching means is a mobile switching center

27. The system of claim 26 wherein said first receiving and transmitting means is a mobile telephone.

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